

REMARKS

Summary of Claim Status

Claims 1, 3-16, 18-23, and 25-32 are pending in the present application after entry of the present amendment. Claims 1, 3, 4, 6-8, 10, 12-17, 19-23, and 32 are rejected for the reasons discussed below. Claims 2, 5, 9, 11, 17, 18, and 24-31 are objected to as depending from respective rejected base claims, but indicated as allowable if properly rewritten in independent form. Applicant thanks the Examiner for this acknowledgement of patentable subject matter. In response, Applicant has incorporated the features of Claims 2, 17, and 24, which are canceled by this amendment, into their respective base claims.

Applicant respectfully requests favorable reconsideration of the claims and withdrawal of the pending rejections and objections in view of the present amendment and in light of the following discussion.

Rejections Under 35 U.S.C. § 103

Claims 1, 3, 4, 6-8, 10, 12-16, 19-22, and 32 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Collins, U.S. Patent No. 6,907,552 ("Collins"). Applicant respectfully disagrees and submits that Collins does not teach or even suggest the present invention. However, the rejection is believed to be moot in light of the present amendments.

In particular, Claim 1 is amended to include the features of canceled Claim 2, which was indicated as allowable, thereby properly rewriting Claim 2 into independent form. Therefore, Applicant believes Claim 1 is in form for allowance, and allowance of Claim 1 is respectfully requested.

Claim 13 is amended to include the features of canceled Claim 17, which was indicated as allowable, thereby properly rewriting Claim 17 into independent form. Therefore, Applicant believes Claim 13 is in form for allowance, and allowance of Claim 13 is respectfully requested.

Claim 20 is amended to include the features of canceled Claim 24, which was indicated as allowable, thereby properly rewriting Claim 24 into independent form.

Therefore, Applicant believes Claim 20 is in form for allowance, and allowance of Claim 20 is respectfully requested.

Applicant has made minor amendments in each of Claims 3, 4, 14-16, 18, 19, and 25-29 merely to maintain consistency with the above amendments to Claims 1, 13, and 20, and to maintain claim dependencies in light of the cancellation of Claims 17 and 24. Claims 3, 4, 6-8, 10, and 12 depend from Claim 1, and are thus believed to be allowable for at least the same reasons Claim 1 is believed to be allowable. Claims 14-16 and 19 depend from Claim 13, and are thus believed to be allowable for at least the same reasons Claim 13 is believed to be allowable. Claims 21, 22, and 32 depend from Claim 20, and are thus believed to be allowable for at least the same reasons Claim 20 is believed to be allowable. Therefore, Applicant respectfully requests allowance of Claims 3, 4, 6-8, 10, 12, 14-16, 19, 21, 22, and 32.

Claim 23 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Collins and further in view of Harry Newton, Newton's Telecom Dictionary, ISBN 1-57820-069-5, Seventeenth Edition, February 2001 ("Newton"). Applicant respectfully disagrees, but submits that the rejection is moot in light of the present amendments. Claim 23 depends from Claim 20, which is believed to be allowable for the reasons set forth above. Therefore, Applicant believes Claim 23 is also allowable for at least the same reasons, and respectfully requests allowance of Claim 23.

### Objections

Claims 2, 5, 9, 11, 17, 18, and 24-31 are objected to as being dependent from a rejected base claim, but indicated as otherwise allowable. Applicant thanks the Examiner for this acknowledgement of allowable subject matter.

As noted above, Applicant has amended Claim 1 to include the features of Claim 2, Claim 13 to include the features of Claim 17, and Claim 20 to include the features of Claim 24, and has canceled Claims 2, 17, and 24. Applicant has also amended Claims 18 and 25-29 merely to maintain claim dependencies and consistent claim language in light of the above amendments.

Claims 5, 9, and 11 depend from Claim 1, and are thus believed to be allowable for at least the same reasons Claim 1 is believed to be allowable. Claim 18 depends

from Claim 13, and is thus believed to be allowable for at least the same reasons Claim 13 is believed to be allowable. Claims 25-31 depend from Claim 20, and are thus believed to be allowable for at least the same reasons Claim 20 is believed to be allowable. Therefore, Applicant respectfully requests allowance of Claims 5, 9, 11, 18, and 25-31.

Conclusion

No new matter has been introduced by any of the above amendments. In light of the above amendments and remarks, Applicant believes that Claims 1, 3-16, 18-23, and 25-32 are in condition for allowance, and allowance of the application is therefore respectfully requested. If action other than allowance is contemplated by the Examiner, the Examiner is respectfully requested to telephone Applicant's attorney, Justin Liu, at 408-879-4641.

Respectfully submitted,



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I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450, on April 3, 2007

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